

orbis

The birth of sustainable foam



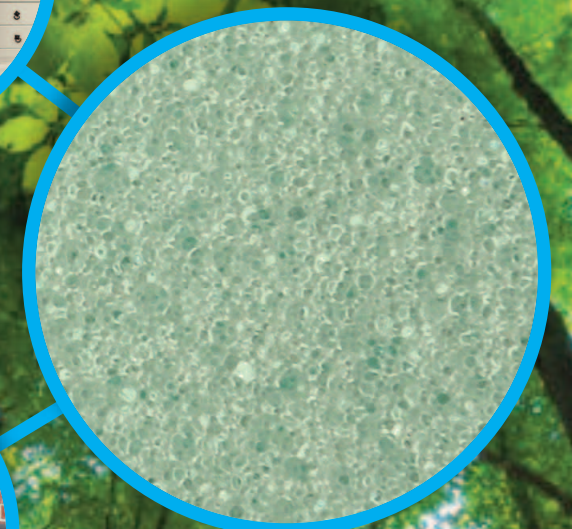
Sustainability through Innovation

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### What is Orbis™ foam?

Orbis is a new revolutionary collection of sustainable PU foams made from polyols, sourced from recycled post-consumer foam mattresses. Orbis foam is Europe's first flexible polyurethane (PU) foam made with recycled raw materials.

The main driver behind the development of Orbis, and other sustainable foams produced by The Vita Group, is to create a circular economy, for Orbis this means preventing post-consumer products from ending up in landfills or being incinerated, thus creating a fully circular product.

The Vita Group's flexible PU foam solution, Orbis, is Europe's first flexible polyurethane (PU) foam made from RENUVA™ polyols, sourced from recycled post-consumer foam mattresses.

### What is Renuva™?

The Renuva™ Mattress Recycling Program aims to recycle up to 200,000 post-consumer mattresses a year in France and help address the problem of waste landfilling and incineration.

### A collaboration with Dow

Partnership with Eco-Mobilier has allowed a steady supply of post-consumer PU mattress foam for chemical recycling to the first industrial-scale production plant Orrion Chemicals, in France. The recycled PU Foam is processed using H&S technology which converts the foam back into a base raw material that Vita can use to produce brand-new foam for many applications, including bedding, furniture, sports and consumer industries.



“We aspire to be the leaders in innovation, transparency and sustainability within the flexible PU foam industry.”

RENUVA™ is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.

### Applications



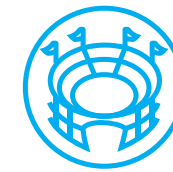
Bedding



Medical



Furniture



Sports & Leisure

Orbis™ is a new sustainable foam innovation by Vita which is suitable for a wide variety of bedding and furniture applications. Orbis is commercially available as 'Standard Ether' and 'High Resilience' foam.

### Benefits



Truly Sustainable



Zero Compromises

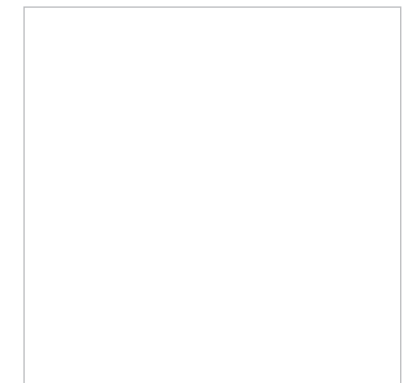


Countless Lifecycles

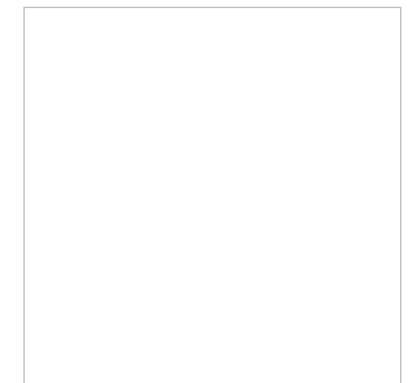
### Certifications



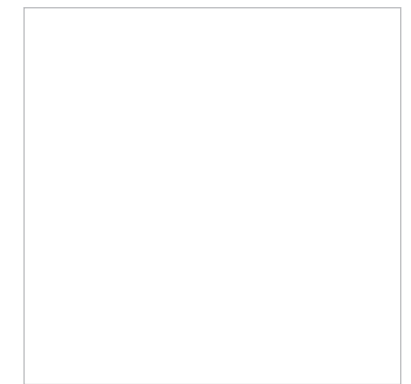
### Awards



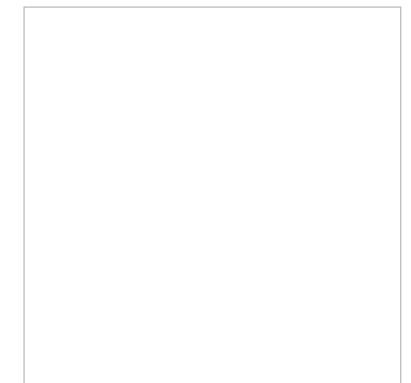
**Orbis 24/130**  
Density range: 23-25 kg/m<sup>3</sup>  
Hardness: 115-150N



**Orbis 33/160**  
Density range: 32-34 kg/m<sup>3</sup>  
Hardness: 130-160N



**Orbis 39/120**  
Density range: 38-40 kg/m<sup>3</sup>  
Hardness: 100-140N



**Orbis 60/070**  
(Visco elastic foam)  
Density range: 57-61 kg/m<sup>3</sup>  
Hardness: 60-90N